



## John Calvert Rutledge, M.D.

<b>Clinical Interests</b>	John C. Rutledge is an expert in atherosclerosis and lipid disorders. He specializes in preventive cardiology, lipid disorders and reversal of atherosclerotic cardiovascular disease.
<b>Research/Academic Interests</b>	Dr. Rutledge's current laboratory research includes biology of the vascular wall. <a href="http://www.ucdmc.ucdavis.edu/internalmedicine/research/vascular-lab/">http://www.ucdmc.ucdavis.edu/internalmedicine/research/vascular-lab/</a>
<b>Title</b>	Professor, Division of Cardiovascular Medicine Vice Chair of Research, Internal Medicine Richard A. and Nora Eccles Harrison Endowed Chair for Diabetes Research
<b>Specialty</b>	<a href="#">Cardiology</a> , <a href="#">Cardiovascular Medicine</a> , Internal Medicine
<b>Department</b>	<a href="#">Internal Medicine</a>
<b>Division</b>	Cardiovascular Medicine
<b>Center/Program Affiliation</b>	<a href="#">Cardiovascular Services</a>
<b>Address/Phone</b>	Lawrence J. Ellison Ambulatory Care Center, Cardiology Clinic, 4860 Y St. Suite 0200 Sacramento, CA 95817 <b>Phone:</b> 800-282-3284
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<b>Education</b>	M.D., Baylor College of Medicine, Houston TX 1976 B.A., University of Texas, Austin TX 1972
<b>Internships</b>	Internal Medicine, University of Tennessee, Memphis TN 1976-1977
<b>Residency</b>	Internal Medicine, UC Davis Medical Center, Sacramento CA 1979-1981
<b>Fellowships</b>	Cardiovascular Medicine, UC Davis Medical Center, Sacramento CA 1981-1983
<b>Board Certifications</b>	American Board of Internal Medicine, 1983 American Board of Internal Medicine, Cardiovascular Disease, 1985
<b>Professional Memberships</b>	American Association for the Advancement of Science American College of Cardiology, Fellow American College of Physicians



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### Honors and Awards

American Federation of Clinical Research  
American Heart Association, Fellow  
NIH Travel Award: The Intersection of Metabolic and Neurocognitive Function, NIH Workshop, NIH campus, July 17-18, 2015  
Greater Bay Area Research Award Reception, Honoring AHA Northern California Research Awardees, 2011  
Top Cited Article 2008-2010, Journal of Vascular Pharmacology, Altman R, Motton DD, Kota RS, Rutledge JC: Inhibition of vascular inflammation by DHEAS in human aortic endothelial cells: Roles of PPAR and NF-kB, 2010  
Co-Chair, UC Davis School of Medicine Vice-Chairs for Research, 2011  
Chair, Research Affairs Committee, UC Davis Center 2005-, 2013  
Executive Council, UC Davis Academic Senate, 2005  
Dean's Excellence in Mentoring Award, UC Davis, 2000  
Co-Chair, "Mouse Models of Diabetic Complications Consortium" Study Sect. Review, NIDDK, 2001  
Richard A. and Nora Eccles Harrison Endowed Chair in Diabetes Research, 2000  
Chair, Graduate Group in Physiology 1998-, 2001

### Select Recent Publications

To view a detailed list of Dr. Rutledge's publications, please [click here](#).

Eiselein L, Nyunt T, Lamé MW, Ng KF, Wilson DW, Rutledge JC, Aung HH. TGRL Lipolysis Products Induce Stress Protein ATF3 via the TGF- Receptor Pathway in Human Aortic Endothelial Cells. PLoS One. 2015 Dec 28;10(12):e0145523.

Ng KF, Anderson S, Mayo P, Aung HH, Walton JH, Rutledge JC. Characterizing blood-brain barrier perturbations after exposure to human triglyceride-rich lipoprotein lipolysis products using MRI in a rat model. Magn Reson Med. 2015 Oct 20. [Epub ahead of print]

Walton JH, Ng KF, Anderson SE, Rutledge JC. MRI measurement of blood-brain barrier transport with a rapid acquisition refocused echo (RARE) method. Biochem Biophys Res Commun. 2015 Aug 7;463(4):479-82.



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Yahiatène I, Aung HH, Wilson DW, Rutledge JC. Single-molecule quantification of lipotoxic expression of activating transcription factor 3. *Phys Chem Chem Phys*. 2014 Oct 21;16(39):21595-601.

Altman R, Keenan AH, Newman JW, Rutledge JC. The Postprandial Effects of a Moderately High-Fat Meal on Lipid Profiles and Vascular Inflammation in Alzheimer's Disease Patients: A Pilot Study. *J Gen Pract (Los Angel)*. 2014;2(6). pii: 186.

den Hartigh LJ, Altman R, Norman JE, Rutledge JC. Postprandial VLDL lipolysis products increase monocyte adhesion and lipid droplet formation via activation of ERK2 and NFB. *Am J Physiol Heart Circ Physiol*. 2014 Jan 1;306(1):H109-20.

Aung HH, Tsoukalas A, Rutledge JC, Tagkopoulos I. A systems biology analysis of brain microvascular endothelial cell lipotoxicity. *BMC Syst Biol*. 2014 Jul 4;8:80.

Ellis CL, Bokulich NA, Kalanetra KM, Mirmiran M, Elumalai J, Haapanen L, Schegg T, Rutledge JC, Raff G, Mills DA, Underwood MA. Probiotic administration in congenital heart disease: a pilot study. *J Perinatol*. 2013 Sep;33(9):691-7.

Aung HH, Lame MW, Gohil K, An CI, Wilson DW, Rutledge JC. Induction of ATF3 gene network by triglyceride-rich lipoprotein lipolysis products increases vascular apoptosis and inflammation. *Arterioscler Thromb Vasc Biol*. 2013 Sep;33(9):2088-96.

Snodgrass RG, Huang S, Choi IW, Rutledge JC, Hwang DH. Inflammasome-mediated secretion of IL-1 in human monocytes through TLR2 activation; modulation by dietary fatty acids. *J Immunol*. 2013 Oct 15;191(8):4337-47.



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